

Top Ten Highest Historical Crests: Chemung River at Elmira

Latitude: 42.086

Period of Record: 1889-Present

Longitude: -76.801

Flood Stage: 12

Last Flood: 5/16/2014

Total Number of Floods: 34

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
6/23/1972	25.20	235,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
5/28/1946	21.20	-9,999	The weather summary is unavailable at this time.
9/26/1975	19.70	-9,999	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
1/20/1996	18.51	71,000	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
7/9/1935	18.30	-9,999	10 inches of rain fell at Cortland, NY in 48 hours.
4/1/1940	17.80	-9,999	Low pressure produced 24-hour rainfall totals of 2.86 inches in Wilkes-Barre and 1.87 inches in Binghamton.
12/31/1942	17.40	-9,999	Snowmelt combined with rain. 3.5 to 5 inches fell over the Susquehanna River basin during the last 4 days of December with lighter amounts elsewhere.
10/15/1955	17.20	-9,999	A slow moving cold front produced heavy rainfall over a several day period.
3/31/1951	16.60	-9,999	The weather summary is unavailable at this time.

Drainage Area: 2162 sq mi

Gage Datum: 833.65 ft MSL

Chemung Basin

County of Gage: Chemung

County of Forecast Point: Chemung

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
11/26/1950	16.40	-9,999	Record breaking cold air spawned a coastal "bomb" that retrograded back to the lower Great Lakes underneath a deep closed vortex. Several inches of rain fell across the area.

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Chemung Basin

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